Eric:

We'll discuss this with our tech team to see how best to get your team
the appropriate GIS information. The LWG has a vested interest in the
agency team's timely review of this document, so we will do whatever we
can to assist with that effort.

Hopefully we will have some answers for you this Wednesday. Jim.

-----Original Message-----
From: Blischke.Eric@epamail.epa.gov
[mailto:Blischke.Eric@epamail.epa.gov]
Sent: Monday, February 12, 2007 9:38 AM
To: McKenna, James (Jim); rjw@nwnatural.com; ricka@bes.ci.portland.or.us
Cc: kpine@integral-corp.com; Benjamin Shorr;
Humphrey.Chip@epamail.epa.gov; grevelas@integral-corp.com;
voster@anchorenv.com
Subject: GIS Data Layers

All,

   The Round 2 Data Report is expected to be a comprehensive look at all
   the Portland Harbor data collected to date. EPA expects that a
   number of new data presentations and analyses will be presented.
   Previously, the LWG has made available certain GIS layers to EPA and
   its project team to facilitate our review of the data.

   As you are aware, EPA is planning an expedited review of the Round 2
   Data Report in order to finalize Round 3B data gaps, begin
   development of the necessary field sampling plans, and complete field
   work by the end of 2007. In order for the government and trustee
   teams to evaluate contaminant data in an expedited manner, EPA
   requests the most current spatial data layers (GIS) that the LWG is
   using for analysis and mapping.

   The format of these layers and a list of requested data layers is
   provided below.

   The format of these data layers should include:

   1. GIS files (shapefile, geodatabase, grid, image where appropriate)
   2. Explicit projection (.prj) file (Oregon State Plane North NAD83
   International feet)
   3. Symbology (.lyr) layer file
   4. Metadata or data dictionary noting author, origin, significant
   edits, limitations and field meaning.

   Types of Data Layers that EPA is requesting include:

   Most recent river edge polygon or polygons used for analysis
   Most recent bathymetry layer (shapefile and grid)
   Early Action Areas
         T4 boundaries and remedial plans (dredging/capping)
         McCormick & Baxter
            Cap(s)
            Barrier walls
            Engineered structures (riprap etc.)
   CSM (most recent)
         Groundwater pathway
            Groundwater plumes
            Direction
         Stormwater Pathway
         Source Areas
         Other relevant pathway
   Transition Zone Water (Site Characterization Report draft 2006 08 07)
         Seepage meters locations and data
         Groundwater table mapping (isopleths)
         Plume mapping
         Surface sediment texture interpretations
         Discharge zones
   Human Health Risk Assessment: all GIS layers used for
   analysis/mapping
         Receptor areas (beaches areas) see Appendix C RI Programmatic
         Workplan: Human Health Risk Assessment Approach April 2004
         (Figures 1a-c). Broken into "Human Use Areas". Request most
         recent version used for analysis and mapping
         Beach composite sampling areas (polygon)
   Ecological Risk Assessment: all GIS layers used for analysis/mapping
         Receptor areas (shorebirds, amphibians, wildlife, etc.)
         spatially explicit used for exposure point concentrations
         calculations
         (BSAF/BSAR) Bioaccumulative summary areas or spatial parameters
   Other Relevant Layers - TBD

   I have spoken to Sandy Browning of Integral Consulting about this
   request and would like to discuss it further at this week's
   management meeting. Because we do not have a good understanding of
   how the information will be presented in the Round 2 Data Report, we
   should plan on setting some time aside for discussing this at the

March 1, 2007 Roll Out Meeting.

Thanks, Eric